

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JAMES R. WHITNEY

Art Unit: 356

Serial Number: 240,055

Filed: December 10, 1986

Examiner: Letchford

FOR: RAIN DRAINAGE GROOVES IN A ROAD
AND APPARATUS FOR MAKING THEM

AMENDMENT

COMMISSIONER OF PATENTS & TRADEMARKS
WASHINGTON, D.C. 20031

Responsive to the Action of May 15, 1987, please amend
this application as follows:

IN THE CLAIMS:

Amend Claims 1, 7, 10 and 11 as follows:

1. (Amended) An apparatus for forming grooves in the surface of a road, the apparatus including, a frame adapted to be attached to and carried by a vehicle, a rotatable cutting cylinder mounted on the frame for rotation about its longitudinal axis, said axis being substantially horizontal, and being at an angle to the longitudinal direction of the road, means carried by the frame for moving said cylinder alternately up and down, and means carried by the frame for rotating said cylinder, the cutting cylinder moving alternately up and down as it rotates about its longitudinal axis, whereby the apparatus forms a plurality of parallel grooves in the surface of a road as the frame is carried along the road at substantial uniform speed without stopping and indexing as each individual groove is cut in the road surface [.] each groove being of a shape complementary to a portion of the curved surface of the cutting cylinder.

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